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Cc: Carey, Curtis[Carey.Curtis@epa.gov]
From: Cacho, Julia
Sent: Mon 3/31/2014 6:45:46 PM
Subject: West Lake Landfill Update
[ETSC_ObservationsonEMSIreport.pdf](#)
[140331-West Lake Update.pdf](#)

Dear General Koster:

I'm enclosing a study recently completed by the EPA's experts in the Office of Research and Development (ORD) that assessed the consequences of a highly unlikely event: movement of the SSE in Bridgeton Sanitary Landfill into contact with the RIM that has been mapped in OU-1 of the EPA's Superfund site at West Lake Landfill. Recall that last fall, the PRP's contractor prepared a risk-assessment report: it's this report that ORD has reviewed and, in many cases, critiqued.

Region 7 has shared this ORD study with the Missouri congressional delegation, as well as with interested community leaders. As my transmittal letter to Sen Blunt stresses, this highly unlikely event is just what the isolation barrier is intended to prevent. That said, ORD's assessment of the consequences of the SSE encountering RIM establishes that the results would not be an uncontrolled release of radiation from the RIM, a scenario which has concerned the community and local first responders. Region 7 has shared the ORD study directly with the Pattonville Fire Department to assist their planning for emergency response.

I will continue to keep you posted on EPA's work with the Corps of Engineers on the isolation barrier, as well as the status of location and design work required to initiate construction of the barrier.

Karl Brooks

Regional Administrator

EPA Region 7

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